

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

( In Re U.S. Patent Application )  
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 Applicants: Tanaka et al. )  
 )  
 Div. of )  
 Serial No. 09/607,104 )  
 )  
 Filed: June 29, 2000 )  
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 For: LIQUID CRYSTAL DISPLAY )  
 )  
 Art Unit: 2871 )  
 )  
 Examiner: Parker, Kenneth )

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
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 Sir:

This IDS is submitted:

- (X) under 37 CFR § 1.97(b), or  
 (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last).
- ( ) under 37 CFR § 1.97(c) together with either a:  
 ( ) Statement under 37 CFR § 1.97(e); or  
 ( ) a \$180.00 fee under 37 CFR § 1.17(p), or  
 (After the CFR § 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR § 1.97(d) together with a:  
 ( ) Statement under 37 CFR § 1.97(e), and  
 ( ) a petition under 37 CFR § 1.97(d)(2), and  
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 (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 CFR §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.
- (X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56.
- ( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR §1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office  INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No.: 1324.68109	Div. of Serial No.: 09/607,104
	Applicants: Tanaka et al.	
	Filing Date: June 29, 2000	Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,909,035	June 1, 1999	Kim			
	6,337,722	Jan. 8, 2002	Ha			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	6179259	Apr. 22, 1986	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	